

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		09961131
	Filing Date		2001-09-21
	First Named Inventor	Adam J. FERRARI	
	Art Unit	2162	
	Examiner Name	C. Y. T. Truong	
	Attorney Docket Number	0109878.00124US1	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	4996642		1991-02-26	Hey	
	2	5671404		1997-09-23	Lizee et al.	
	3	5706497		1998-01-06	Takahashi et al.	
	4	5787422		1998-07-28	Tukey et al.	
	5	5924105		1999-07-13	Punch, III et al.	
	6	6012066		2000-01-04	Discount et al.	
	7	6049797		2000-04-11	Guha et al.	
	8	6092049		2000-07-18	Chislenko et al.	

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	9	6167368		2000-12-26	Wacholder	
	10	6266199		2001-07-24	Gillis et al.	
	11	6360277		2002-03-19	Ruckley et al.	
	12	6363377		2002-03-26	Kravets et al.	
	13	6424971		2002-07-23	Kreulen et al.	
	14	6429984		2002-08-06	Alex	
	15	6490111		2002-12-03	Sacks	
	16	6505197		2003-01-07	Sundaresan et al.	
	17	6539376		2003-03-25	Sundaresan et al.	
	18	6560597		2003-05-06	Dhillon et al.	
	19	6563521		2003-05-13	Perttunen	

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	20	6618697		2003-09-09	Kantrowitz et al.	
	21	6628466		2003-09-30	Alex	
	22	6651058		2003-11-18	Sundaresan et al.	
	23	6697998		2004-02-24	Damerau et al.	
	24	6711585		2004-03-23	Copperman et al.	
	25	6735578	A1	2004-05-11	Shetty et al.	
	26	6778995		2004-08-17	Gallivan	
	27	6868411	A1	2005-03-15	Shanahan	
	28	6928434		2005-08-09	Choi et al.	
	29	6947930	A1	2005-09-20	Anick et al.	
	30	6978274		2005-12-20	Gallivan et al.	

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	31	7035864		2006-04-25	Ferrari et al.	
	32	7062483	A1	2006-06-13	Ferrari et al.	
	33	7072902	A1	2006-07-04	Kleinberger et al.	
	34	7085771	A1	2006-08-01	Chung et al.	
	35	7092936		2006-08-15	Alonso et al.	
	36	7093200	A1	2006-08-15	Schreiber et al.	
	37	7099885	A1	2006-08-29	Hellman et al.	
	38	7149732	A1	2006-12-12	Wen et al.	

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	1	20010047353		2001-11-22	Talib, et al.	

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	2	20020051020		2002-05-02	Ferrari et al.	
	3	20020065857	A1	2002-05-30	Michalewicz et al.	
	4	20020099675	A1	2002-07-25	Agrafiotis et al.	
	5	20020152204		2002-10-17	Ortega, et al.	
	6	20030101187	A1	2003-05-29	Gaussier et al.	
	7	20030110181	A1	2003-06-12	SCHUETZE et al.	
	8	20030120630	A1	2003-06-26	Tunkelang	
	9	20040205448	A1	2004-10-14	Grefenstette et al.	
	10	20040243554	A1	2004-12-02	Broder et al.	
	11	20040243557	A1	2004-12-02	Broder et al.	
	12	20050022114		2005-01-27	Shanahan et al.	

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13	20050097088		2005-05-05	Bennett et al.	
14	20050108212	A1	2005-05-19	Karimisetty et al.	
15	20060031215	A1	2006-02-09	Pong Robert	

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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	0676705	EP		1995-10-11	US West Technologies, Inc.		<input type="checkbox"/>
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	3	0795833	EP		1997-09-17	Mannesmann		<input type="checkbox"/>
	4	0196064	EP		1986-10-01	Hitachi, Ltd.		<input type="checkbox"/>
	5	11250107	JP		1999-09-17	Adobe Systems Inc.		<input type="checkbox"/>
	6	11296547	JP		1999-10-29	Seiko Epson Corp		<input type="checkbox"/>

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7	09034901	JP		1997-02-07	Meidensha Electric Mfg. Co. Ltd.		<input type="checkbox"/>
8	10134063	JP		1998-05-22	Nippon Electric Co.		<input type="checkbox"/>
9	2297179	GB		1996-07-24	Nippon Telegraph and Telephone Corporation		<input type="checkbox"/>
10	2293667	GB		1996-04-30	Intermation Ltd.		<input type="checkbox"/>
11	90/04231	WO		1990-04-19	Minnesota Mining and Manufacturing Company		<input type="checkbox"/>
12	96/27161	WO		1996-09-06	Informations Medicales ET Statistiques		<input type="checkbox"/>
13	97/36251	WO		1997-10-02	Critical Thought, Inc.		<input type="checkbox"/>
14	98/20436	WO		1998-05-14	Natrificial LLC		<input type="checkbox"/>
15	01/67225	WO		2001-09-13	Kanisa, Inc.		<input type="checkbox"/>
16	02/097671	WO	A2	2002-12-05	Endeca Technologies, Inc.		<input type="checkbox"/>

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	1	BEAUDOIN et al., "Cheops: A Compact Explorer For Complex Hierarchies", IEEE, pp 87-92 (1996)	<input type="checkbox"/>
	2	BIRD et al., "Content-Driven Navigation of Large Databases", The Institution of Electrical Engineers, 1996, pgs. 13/1 - 13/5	<input type="checkbox"/>
	3	CAREY, M. et al., "Info Navigator: A Visualization Tool for Document Searching and Browsing", Proceedings International Conference Distributed Multimedia Systems", (DMS Sept. 2003) pp. 23-28	<input type="checkbox"/>
	4	CHEN et al., "Internet Browsing and Searching: User Evaluations of Category Map and Concept Space Techniques", Wiley InterScience: Journal:Abstract, January 6, 1999	<input type="checkbox"/>
	5	Chen et al., "Internet Browsing and Searching: User Evaluations of Category Map and Concept Space Techniques," Journal of the American Society for Information Science, Vol 49, pp. 582-603 (1998)	<input type="checkbox"/>
	6	Chen et al., "Object Signatures For Supporting Efficient Navigation In Object-Oriented Databases", Proceeding of the 32nd Hawaii International Conference on System Sciences, IEEE, pp. 502-507 (1997)	<input type="checkbox"/>
	7	CHEN et al., "Online Query Refinement on Information Retrieval Systems"" A Process Model of Searcher/System Interactions", MID Department, University of Arizona, pp. 115-133 (1990)	<input type="checkbox"/>
	8	CILIBRASI, R. et al., "Automatic Meaning Discovery Using Google", 31 pages, www.bsik-bricks.nl/events/ab/google_abstract.html.www.arxiv.org/abs/cs.CL0412098 (2004)	<input type="checkbox"/>
	9	ELLIS, GP et al., "HIBROWSE for Hotels: bridging the gap between user and system views of a database", extracts from a paper giving an overview of the HIBROWSE for Hotels application.http://web.archive.org/web/19991109234626///.hud.ac.uk/school...4 pages	<input type="checkbox"/>
	10	European Search Authority, European Search Report for European Application No 02773183.5 mailed October 15, 2007	<input type="checkbox"/>

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11	European Search Authority, European Search Report for European Patent Application No. 01945997.3, dated May 23, 2007, 6 pages	<input type="checkbox"/>
12	FUA et al., "Structure-Based Brushes: A Mechanism For Navigating Hierarchically Organized Data and Information Spaces", IEEE Transactions on Visualization and Computer Graphics, Vol. 6, No. 2, pp. 150-159, April-June 2000	<input type="checkbox"/>
13	GARCIA-MOLINA et al., "The Query Compiler" Database System Implementation, 2000, Prentice Hall, Upper Saddle River, NJ, USA, XP002423997, pp. 329-364	<input type="checkbox"/>
14	GIL et al., "A Visual Interface and Navigator for the P/FDM Object Database", Department of Computing Science, University of Aberdeen, IEEE, pp. 54-63 (1999)	<input type="checkbox"/>
15	HAN et al., "Join Index Hierarchy: An Indexing Structure For Efficient Navigation In Object-Oriented Databases", IEEE Transactions on Knowledge and Data Engineering, Vol. 11, No. 2, pp. 321-337, March/April 1999	<input type="checkbox"/>
16	HEARST, M. et al., "Integrating Browsing & Search Relevance Feedback", SIMS 202, UC Berkeley, SIMS, Fall 1999, 2 pages	<input type="checkbox"/>
17	HEARST, M. "Chapter 10: User Interfaces and Visualization", Modern Information Retrieval, Yates and Ribeiro-Neto (1999) pp. 257-340	<input type="checkbox"/>
18	HEARST, M. et al., "Using MetaData in Search: Combining Browsing and Search", 39 slides, http://www2.sims.berkeley.edu/courses/is202/f98/Lecture27/sld001.htm	<input type="checkbox"/>
19	http://www.searchtools.com/tools/endeca.html , Search Tools Product Report, "Endeca Faceted Metadata Search and Browse", 2 pages, updated 10 July 2003	<input type="checkbox"/>
20	HUA et al., "Object Skeletons: An Efficient Navigation Structure for Object-Oriented Database Systems", IEEE, pp. 508-517 (1994)	<input type="checkbox"/>
21	International Searching Authority, International Search Report for PCT/03/31770, mailed June 29, 2004	<input type="checkbox"/>

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22	International Searching Authority, International Search Report for PCT/US2006/043538, mailed 3/26/07, 12 pages	<input type="checkbox"/>
23	KUMMAMURU et al., "A Hierarchical Monothetic Document Clustering Algorithm for Summarization and Browsing Search Results", WWW2004, pp. 658-665, May 17-22, 2004	<input type="checkbox"/>
24	MCENEANEY, John E., "Visualizing and Assessing Navigation in Hypertext", Hypertext 99, Darmstadt Germany, pp. 61-70 (1999)	<input type="checkbox"/>
25	MILLER, Renee J., "Using Schematically Heterogeneous Structures", Department of Computer and Information Science, Ohio State University, 1998, pg. 189-200	<input type="checkbox"/>
26	MILLS, J., "The Problem of arrangement in a Library", A Modern Outline of Library Classification", Chapman & Hall Ltd, pp. 1-8, 1960	<input type="checkbox"/>
27	Pollitt A.S., "Intelligent Interfaces to online Databases", Expert Systems for Information Management, Vol. 3, No. 1, pp. 49-69, 1990	<input type="checkbox"/>
28	POLLITT et al., "Faceted-Classification as Pre-Coordinated Subject Indexing: Multi-Dimensional Searching for OPAC Users", Oslo College, 6-7 May 1998	<input type="checkbox"/>
29	POLLITT et al., "MenUse for Medicine: End-User Browsing and Searching of MEDLINE via the MeSH Thesaurus", Int. Forum Inf. and Docum., pp. 547-573, 1988	<input type="checkbox"/>
30	POLLITT et al., "MenUse for Medicine: End-User Browsing and Searching of MEDLINE via the MeSH Thesaurus", Int. Forum Inf. and Docum., Vol. 13, No. 4, pp. 11-17, October 1998	<input type="checkbox"/>
31	POLLITT et al., "Multilingual access to document databases", CAIS/ACSI '93 Information as a Global Commodity - Communication, Processing and Use, Proceedings of the 21st Annual Conference of the Canadian Association for Information Science, pp. 128-140, Antigonish, Nova Scotia Canada, July 1993	<input type="checkbox"/>
32	POLLITT, A. S. et al., "View-based searching systems - a new paradigm for information retrieval based on faceted classification and indexing using mutually constraining knowledge-based views", The Interface Design, 6 pages	<input type="checkbox"/>

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33	POLLITT, A.S., "A rule-based system as an intermediary for searching cancer therapy literature on MEDLINE", Intelligent Information Systems: Progress and Prospects, pp. 82-126, 1986	<input type="checkbox"/>
34	POLLITT, A.S., "An Expert Systems Approach to Document Retrieval, A thesis submitted to the Council for National Academic Awards in partial fulfillment of the requirements for the degree Doctor of Philosophy", May 1986	<input type="checkbox"/>
35	POLLITT, A.S., "Expert Systems and the Information Intermediary: Tackling Some of the Problems of Naive End-User Search Specification and Formulation", Intelligent Information Systems for the Information Society, pp. 100-108, 1986	<input type="checkbox"/>
36	POLLITT, A.S., "Information Storage and Retrieval Systems, Origin, Development and Applications, Ellis Horwood Books in Information Technology, 1989	<input type="checkbox"/>
37	POLLITT, A.S., "Reducing complexity by rejecting the consultation model as a basis for the design of expert systems", Expert Systems, Vol. 3, No. 4, pp. 234-238, October 1986	<input type="checkbox"/>
38	POLLITT, A.S., "Taking a different view", British Library research, Library Technology, Vol. 1, Nov. 1, 1996	<input type="checkbox"/>
39	POLLITT, A.S., "The key role of classification and indexing in view-based searching", Centre for Database Access Research, University of Huddersfield, UK, Abstract, 8 pages	<input type="checkbox"/>
40	POLLITT, Example from EMBASE entitled "Screen Shots from View-based searching with HIBROWSE", (1998)	<input type="checkbox"/>
41	POLLITT, excerpt from "Prospects for using Dewey Classification in a View-based Searching OPAC Dewey Decimel Classification: Possibilities in View-based Searching OPAC", (1998)	<input type="checkbox"/>
42	POLLITT, S., "CanSearch: An Expert Systems Approach to Document Retrieval", Information Processing & Management, Vol. 23, No. 2, pp. 119-138, (1987)	<input type="checkbox"/>
43	PRISS, U. et al., "Utilizing Faceted Structures for Information Systems Design", School of Library and Information Science, Indiana University Bloomington, pp. 1-12	<input type="checkbox"/>

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44	RAMASWAMI et al., "Navigating a Protection-Engineering Data Base", IEEE, pp. 27-32, April 1989	<input type="checkbox"/>
45	Screenshots from "View-based searching with HIBROWSE", http://www.jbi.hio.no/bibin/kurs/korg98/oslo2.ppt , 10 pages	<input type="checkbox"/>
46	TREGLOWN, M. et al., "HIBROWSE for Bibliographic Databases: A study of the application of usability techniques in view-based searching", British Library Research and Innovation Report 52, The University of Huddersfield, April 1997	<input type="checkbox"/>
47	TU et al., "Agent Technology for Website Browsing and Navigation", Proceedings of the 32nd Hawaii International Conference on Systems Sciences", IEEE , pp. 1-10, 1999	<input type="checkbox"/>
48	TURINE et al., "A Navigation-Oriented Hypertext Model Based on Statecharts", Hypertext 97, Southampton UK, 1997	<input type="checkbox"/>
49	VELEZ et al., "Fast and Effective Query Refinement", SIGIR 1997, pgs. 6-15	<input type="checkbox"/>
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